



DOCKET NO.: GRTI-0059

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of:

Richard L. Lehman

Confirmation No.: 9810

Application No.: 10/682,450

Group Art Unit: 2121

Filing Date: October 9, 2003

Examiner: Not Yet Assigned

For: A METHOD OF RECYCLING BATCHES OF MIXED COLOR CULLETT
INTO AMBER, GREEN, OR FLINT GLASS WITH SELECTED
PROPERTIES

DATE OF DEPOSIT: *March 23, 2004*

I HEREBY CERTIFY THAT THIS PAPER IS BEING
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Michael P. Dunnam

TYPED NAME: Michael P. Dunnam
REGISTRATION NO.: 32,611

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

INFORMATION DISCLOSURE STATEMENT

Pursuant to 37 CFR § 1.56 and in accordance with 37 CFR §§ 1.97-1.98, information relating to the above-identified application is hereby disclosed. Inclusion of information in this statement is not to be construed as an admission that this information is material as that term is defined in 37 CFR § 1.56(b).

☒ In accordance with § 1.97(b), since this Information Disclosure Statement is being filed either within three months of the filing date of the above-identified application, within three months of the date of entry into the national stage of

the above identified application as set forth in § 1.491, before the mailing date of a first Office Action on the merits of the above-identified application, or before the mailing date of a first Office Action after the filing of request for continued examination under § 1.114, no additional fee is required.

☐ In accordance with § 1.129(a), this Information Disclosure Statement is being filed in connection with ☐ the first or ☐ second After Final Submission, therefore:

☐ Certification in Accordance with § 1.97(e) is attached; or

☐ The fee of \$180.00 as set forth in § 1.17(p) is attached.

☐ In accordance with § 1.97(c), this Information Disclosure Statement is being filed after the period set forth in § 1.97(b) above but before the mailing date of either a Final Action under § 1.113 or a Notice of Allowance under § 1.311, or before an action that otherwise closes prosecution in the application, therefore:

☐ Certification in Accordance with § 1.97(e) is attached;

or

☐ The fee of \$180.00 as set forth in § 1.17(p) is attached.

☐ In accordance with § 1.97(d), this Information Disclosure Statement is being filed after the mailing date of either a Final Action under § 1.113 or a Notice of Allowance under § 1.311 but before, or simultaneously with, the payment of the Issue Fee, therefore included are: Certification in Accordance with § 1.97(e); and the submission fee of \$180.00 as set forth in § 1.17(p).

- ☐ Copies of each of the references listed on the attached Form PTO-1449 are enclosed herewith.
- ☐ Copies of references listed on the attached Form PTO-1449 are enclosed herewith
- ☐ Copies of references listed on the attached Form PTO 1449 are not required to be submitted pursuant to the June 30, 2003 recent revisions to 37 CFR § 1.98(a)(2)(i).

EXCEPT THAT:

- ☐ In view of the voluminous nature of references [list as appropriate], and the likelihood that these references are available to the Examiner, copies are not enclosed herewith.
- ☒ In accordance with § 1.98(d), copies of the following references listed on the attached Form PTO-1449 are not enclosed herewith because they were previously cited by or submitted to the U.S. Patent and Trademark Office in patent application(s) for which a claim for priority under 35 U.S.C. § 120 have been made in the instant application:
 - ☒ Copies of references **1 thru 29** listed on the attached Form PTO-1449 were previously cited by or submitted to the Patent and Trademark Office in prior Application No. **09/455,644**, filed **December 7, 1999**.

Please charge any deficiency or credit any overpayment to Deposit Account No. 23-3050. This form is submitted in duplicate.

There are no listed references which are not in the English language.

Date: *March 23, 2004*


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Form PTO-1449 Modified List of Patent and Publications Cited by Applicant (Use several sheets if necessary) U.S. Department of Commerce Patent and Trademark Office	Docket No. GRTI-0059	Application No. 10/682,450
	Applicant Richard L. Lehman	
	Filing Date October 9, 2003	Group 2121
	Confirmation No. 9810	
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)		
	1	"Use of Selenium for Decolorizing Glass", <i>The Glass Industry</i> , September 1935 , 283-287
	2	Kirk-Othmer, "Concise Encyclopedia of Chemical Technology", John Wiley & Sons, Inc., 1985 , 560-565
	3	McCreery, P., "Coors' Sorted-Only Policy Affecting Glass Collections in West", <i>Waste Age's Recycling Times</i> , January 24, 1995 , 16 pages
	4	Scholes, S.R., Ph.D., "Modern Glass Practice", CBI Publishing Co., Inc., 1975
	5	Springer-Verlag, "Glass Furnaces", 1984 , 7-9, 167-169
	6	E. Joseph Duckett, "The Influence of Color Mixture on the Use of Glass Cullet Recovered from Municipal Solid Waste", 1979
	7	Morey, "Processes and Products of Glass Recovery from Municipal Trash", <i>Chemical Properties and Melting Experience</i> , Collected Papers, November 11 and 12, 1976 , Department of Ceramic Engineering, The Ohio State University, Columbus Ohio
	8	"New Dimensions in Cullet Processing", <i>Glass Production Technology International</i> , 1995 , 39-41
	9	Cummings, J.P., "Glass and Non-Ferrous Metal Recovery Subsystem", <i>Proceedings of the 5th Mineral Waste Utilization Symposium</i> , 1976 , 175-183
	10	Morey, B. et al., "A Review of Resource Recovery Technology", <i>In the World Mining and Metals Technology</i> , 1976 , 2(55), 877-909
EXAMINER		DATE CONSIDERED

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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)		
	11	Booker, Morey, "Glass Recovery from Municipal Trash by Froth Flotation", <i>Proceedings of the 3rd Mineral Waste Utilization Symposium, 1972, 311-321</i>
	12	Morey, B., "Inorganic Resource Recovery and Solid Fuel Preparation from Municipal Trash", <i>Proceedings of the 4th Mineral Waste Utilization Symposium, 1974, 85-94</i>
	13	Samtur, H.R., "Glass Recycling and Reuse", <i>IES Report 17, 1974, 1-100</i>
	14	Seeley, C.E., "Glass in Solid Waste Recovery Systems", <i>Resource Recovery and Utilization, 1974, 114-121</i>
	15	Stewart, G.M., "How Foreign Cullet Usage Affects Container Production", <i>Glass Industry, 1985, 14-23</i>
	16	Stirling, H., "The Recovery of Waste Glass Cullet for Recycling Purposes by Means of Electrooptical Sorters, <i>Conservation & Recycling, 1976, 1, 209-219</i>
EXAMINER	DATE CONSIDERED	

Form PTO-1449 Modified List of Patent and Publications Cited by Applicant (Use several sheets if necessary) U.S. Department of Commerce Patent and Trademark Office	Docket No. GRTI-0059	Application No. 10/682,450
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U. S. PATENT DOCUMENTS

Examiner Initial		Document No.	Date	Name	Class	Subclass
	17	576,312	02/02/1897	Hirsch	201	27
	18	2,292,675	03/22/60	Von Wranau, et al.	15	54
	19	2,955,948	10/11/60	Silverman	106	52
	20	3,003,886	10/10/61	Pither	65	134
	21	3,325,298	06/13/67	Brown	65	134
	22	3,482,955	12/09/69	Monks	65	134
	23	4,077,871	03/78	Kumar, et al.	209	4
	24	4,312,953	01/82	Mills, et al.	501	71
	25	4,418,014	11/29/83	Daniek	260	125
	26	4,457,772	07/03/84	Haynes, et al.	65	160
	27	4,932,035	06/05/90	Pieper	373	32
	28	5,712,797	01/98	Descales, et al.	364	499
	29	5,718,737	02/98	Mosch	65	30

FOREIGN PATENT DOCUMENTS

Examiner Initial		Document No.	Date	Country	Translation	
					YES	NO

EXAMINER

DATE CONSIDERED